

CANNAS AT WISLEY, 1906-07.

IN the spring of 1906, 271 stocks of Cannas were received for trial from growers and raisers in Europe and America. Arriving at different periods, and in various stages of growth and vigour, it was impossible during 1906 to properly compare their merits. They were, therefore, together with twenty-six additional stocks, started in gentle heat under equal conditions in March 1907. The compost used was a turfy loam, intimately mixed with some well-decayed manure and leaves, with sufficient sand to ensure thorough drainage. As vigorous root action proceeded they were rapidly advanced from the 48's, in which they were started, to the 10- and 12-inch pots in which they were flowered. Cannas are gross feeders, and, while in active growth, should receive copious supplies of water with occasional applications of artificial fertilisers. The plants, at intervals of from seven to ten days, received small doses of Peruvian guano—a generous treatment that was amply repaid in the additional wealth of bloom and vigour of foliage. The stocks filled two greenhouses, and with their brilliant flowers and handsome foliage produced a fine display during the months of July to October inclusive; 220 distinct varieties were represented. These were three times inspected by the Floral Committee, and the following varieties were selected as the best in the collection, receiving awards of merit (A.M.), or highly commended (XXX):—

White.—Blanche Wintzer.

Yellow.—Burbank, R. Wallace, Wyoming.

Orange.—Hesperide, Oscar Dannecker, S. T. Wright, Uncle Sam.

Rose.—Duke of York, Frau Philipp Siesmayer, Isabella Breitschwerdt, Melrose, Venus.

Red.—Fürst Wied, Grossherzog Ernst Ludwig, Karl Kirsten, Pluto, Wilhelm Bofinger, Wm. Saunders.

Yellow, spotted with red.—Elizabeth Hoss, Gladiator, J. B. van der Schoot, R. Wallace.

The garden cannas are generally grouped in two sections, though the now evident distinctions between the sections already show signs of breaking down in the newer varieties, such as S. T. Wright and Uncle Sam, the Italian or orchid-flowered section represented by O. in the Report, and the French, Crozy or gladiolus-flowered varieties marked G.

The gladiolus-flowered type was introduced some fifty years ago, though Mme. Crozy and most of the older varieties are now far surpassed by recent introductions. These are derived from intercrossing *Canna iridiflora*, *C. Warscewiczii* and *C. glauca*. They are characterised by their dwarf habit, free-flowering qualities, fine spike, brilliant colour, and smooth petals.

The orchid-flowered varieties were first raised in 1898, when Mme. Crozy × *C. flaccida* produced Italia and Austria. They are of

taller growth and richer foliage than the older varieties, and their flowers are larger and more regular in appearance from the breadth of the stamen-petals, but *Canna flaccida* at the same time has introduced a smaller truss, a softness and fragility of texture of the petals, and a reduction in the brilliance and purity of colour of the flowers.

1. Admiral Schley (Conrad).—G. Orange-red, irregularly spotted with a deeper red and edged yellow; green foliage; growth very weak; 1½ feet.

2. Africa (Dobbie).—O. Apricot to terra-cotta, irregularly shaded with deeper colour; truss rather small; foliage very rich, bronzy-crimson, striped with green; 5 feet.

3. Alemannia (Dammann, Froebel), **A.M.** July 27, 1897.—O. Reddish-orange, mottled with a deeper shade and edged broadly and irregularly with yellow; flowers very large; truss rather small; foliage green, glaucous; 4 feet.

4. Alliance (Cannell).—G. Orange-red fading to rose with the narrowest edging of yellow; petals yellow on the reverse; foliage light green; 2 feet.

5. Alphonse Bouvier (Cannell, Dobbie), **A.M.** January 12, 1892.—G. Dark scarlet with a trace of yellow at the throat; flowers large, smooth petalled but irregular; foliage green, glaucous; 3 feet.

6. Alsace (Dobbie, Froebel).—G. Straw yellow to creamy-white, faintly spotted with pink; flowers small; petals narrow; truss loose; foliage yellowish-green, glaucous; 8 feet.

7. America (Dammann, Froebel), **A.M.** July 27, 1897.—O. Bright orange-red with deeper shadings and yellow markings at the throat; truss very poor; foliage very handsome and broad, crimson and green-striped-crimson; 6 feet.

8. Ami Jules Chrétien (Cannell, Dobbie), **A.M.** July 14, 1896.—G. Orange-salmon to salmon, often with thin yellow edge, margin wavy; truss weak; foliage green, glaucous; 2½ feet.

9. Annie Laurie (Cannell).—G. Salmon-pink; petals notched; truss large; foliage dark green; 3 feet.

10. Antoine Barton (Veitch), **XXX** June 20, 1894.—G. Deep yellow, richly spotted with red; flowers rather small but truss good; foliage light grey-green; 3 feet.

11. Aphrodite (Dammann).—O. Orange-red with irregular yellow margin; truss poor; foliage bright green; 4 feet.

12. Arthur William Paul (Dammann).—G. Dark orange, spotted with red; small truss, late flowering; foliage very dark; 4 feet.

13. Asia (Dammann).—Failed.

14. Atalanta (Dammann).—Failed.

15. Attika (Dammann).—Failed.

16. Auguste Chantin (Cannell, Veitch).—G. Orange-red to rose, veined; truss small; foliage green; 2 feet.

17. Aurea (Cannell, Veitch).—G. Yellow, faintly spotted with gold; petals smooth, unnotched, round; foliage light green; 3½ feet.

18. Aurore (Cannell), **A.M.** July 14, 1896.—G. Apricot; 2½ feet.

19. Australia (Dammann).—O. Yellow, striped and overlaid with red; foliage green, with distinct crimson edge; 3 feet.

20. Austria (Dobbie, Froebel), **A.M.** June 9, 1896.—O. Light yellow, spotted on the inner petals with orange; foliage light green; 4 feet.

21. Beauté de Portevine (Cannell).—Failed.

22. Betsy Ross (Conrad).—G. Yellow, richly spotted with bright red, the petaloid stamen and style bright red; very distinct; foliage dark green; $2\frac{1}{2}$ feet.

23. Black Prince (Conrad, Dobbie, Veitch).—G. Deep cardinal; petal long, oblong; truss very large and handsome; foliage green; 3 feet.

24. Black Warrior (Conrad).—G. Deep velvety-crimson, the darkest red in the collection; flowers rather small; petals narrow, margin waved; foliage grey-green; $2\frac{1}{2}$ feet.

25. Blanche Wintzer (Conrad), **A.M.** August 18, 1907.—G. Lemon-white, becoming pure white with scarcely perceptible pale-pink spots; flowers large, petals broad, waved at the margins; truss rather small, close-flowered; foliage green; $1\frac{1}{2}$ feet. Quite the best white in the collection.

26. Brandywine (Conrad).—G. Orange-scarlet to salmon-red with darker blotches; flowers rather small; foliage very dark, green and crimson; 3 feet.

27. Britannia (Dammann).—O. Reddish-orange, mottled with a deeper shade and edged irregularly with yellow; flowers very large, a shade deeper in colour than Alemannia; foliage large, bright green; 4 feet.

28. Burbank (Cannell, Froebel, Veitch), **A.M.** September 6, 1907.—O. Yellow, the inner petal much spotted with red; truss large for the orchid-flowered section; foliage almost emerald-green with darker markings; 3 feet.

29. Buttercup (Conrad, Dobbie, Froebel).—G. Rich pure yellow with a little red at the throat; petals rather narrow and small, but truss good; foliage green; 3 feet. This is the richest yellow-flowered variety.

30. California (Conrad).—G. Rich orange, reddish towards the throat, and a little mottled; truss dense; foliage green; $1\frac{1}{2}$ feet.

31. Camille Bernardin (Veitch).—G. Salmon-rose with deeper mottlings; flower and truss poor; foliage green; 3 feet.

32. Campania (Dammann).—O. Véry similar to Burbank. Flower and truss large; foliage green, handsome; 5 feet.

33. Chameleon (Conrad).—G. Orange-yellow, spotted and shaded with red; truss small; flower rather loose; foliage green; $2\frac{1}{2}$ feet.

34. Champion (Froebel).—O. Yellow ground, heavily run and spotted with apricot; flowers large; foliage light green, broad; 4 feet.

35. Chappaqua (Conrad).—G. Orange-red with deeper spottings; flowers and truss weak; foliage bronzy-green and crimson; 3 feet.

36. Charles Molin (Cannell, Dammann).—G. Apricot, fading to rose, lightly spotted in lines with rose; flower loose; foliage green; $2\frac{1}{2}$ feet.

37. Charles Moore (Dobbie).—Failed.

38. Cherokee (Conrad).—G. Light crimson; truss small; foliage green; $1\frac{1}{2}$ –2 feet.

39. Cloth of Gold (Conrad).—G. Old gold, pinkish at the throat; flowers and truss poor; foliage green veined with crimson; 2 feet.

40. Comte de Bouchard (Veitch), **A.M.** May 26, 1897.—G. Yellow,

richly and uniformly spotted with red ; truss good ; flowers smooth ; foliage green ; 3 feet.

41. Conqueror (Conrad).—G. Orange-red, slightly edged and mottled with yellow ; flowers smallish, rather speckled in appearance ; truss dense ; foliage green ; 2½ feet.

42. Conseilleur Heidenreich (Cannell).—G. Orange-scarlet ; flowers regular but petals rather narrow ; truss very good ; foliage dark ; 3 feet.

43. Coronet Improved (Conrad).—G. Pale yellow ; weak ; 1½ feet.

44. Cuba (Cannell).—Very weak ; failed ; 1 foot.

45. Cyclope (Dammann).—G. Bright red ; petals smooth, but rather loose and narrow ; foliage rich dark glaucous green ; 3½ feet.

46. Czar Alexander III. (Dammann).—Failed.

47. Deutscher Kronprinz (Dammann).—G. Deep scarlet ; foliage dark ; 3 feet. One of the best varieties, with outstanding large truss and fine flowers ; maintains its colour well.

48. Dr. Dock (Veitch).—G. Orange-red to cardinal-red with darker spottings ; petals long, narrow, spreading ; foliage green ; 2-3 feet.

49. Dr. Marcus (Pfitzer).—G. Orange-red, lightly spotted with deeper colour ; flowers large ; truss small ; foliage crimson-purple ; 2 feet.

50. Dr. Nansen (Conrad).—G. Clear lemon-yellow with orange-red on the stamen and stigma ; petals narrow ; truss large, with the flowers neatly arranged in three ranks, well above the foliage ; foliage green ; 2 feet.

51. Duchess of York (Cannell), **A.M.** August 8, 1898.—G. Yellow spotted with dull red ; flowers rather small ; foliage light grey-green ; 2½ feet.

52. Duke Ernst (Cannell, Veitch).—G. Deep orange to reddish-orange ; flowers regular, small ; foliage bronzy-crimson and green, glaucous ; 4 feet.

53. Duke of Marlborough (Cannell, Conrad, Dobbie, Froebel, Veitch).—G. Rich dark red ; petals with wavy margin ; truss very fine ; foliage light grey-green, very glaucous ; 2½ feet. A free-flowering variety. The variety from Messrs. Veitch was inferior, with narrow petals ; while that from Mr. Froebel belonged to the O. section ; yellow, lightly spotted with red.

54. Duke of York (Conrad), **A.M.** September 6, 1907.—G. Rich rose with narrow sulphur-yellow edge ; flowers large ; petals very smooth ; truss not large ; foliage green ; 2½ feet. A fine distinct variety.

55. Eastern Beauty (Cannell, Conrad).—G. Salmon-pink ; flowers good, but truss rather small, round ; foliage very distinct, bronze-green and crimson ; 2½ feet.

56. Edouard André (Dammann, Dobbie, Froebel).—O. Reddish-orange, mottled and shaded with red ; flower large, regular ; foliage rich bronzy-crimson and green ; 5 feet.

57. Edouard Meig (Cannell), **A.M.** July 27, 1897.—G. Dark orange-scarlet, a little yellow at the throat ; petals rounded, smooth, fine ; truss good ; foliage green ; 3 feet.

58. Egandale (Dobbie).—G. Different stocks of this variety were received. (a) Light carmine-red in close oblong truss ; foliage dark bronze-green and crimson ; 3½ feet ; and (b) carmine-red ; flowers very

small; truss long, loose; foliage erect, narrow, crimson, thickly covered with glaucous bloom; handsome; 5 feet.

59. Elizabeth Hoss (Cannell, Veitch), **A.M.** June 4, 1901.—G. Rich yellow, heavily spotted with red; flowers large, but petals irregular; foliage green; 8 feet. Still one of the best spotted varieties.

60. Else (Pfitzer).—G. Cream-buff, suffusing with pink with age; truss weak; foliage green; $2\frac{1}{2}$ feet.

61. Emilia (Cannell, Dobbie).—O. Orange-red with deeper markings; truss small; foliage very handsome, bronzy-crimson and green; 5–6 feet.

62. Emma Bedau (Pfitzer).—G. Intense fiery-scarlet; flower large, petals long; truss good; foliage green; $2\frac{1}{2}$ feet.

63. Evolution (Conrad).—G. Salmon-pink, deeper at the throat; truss small; foliage dark bronze-green; 2 feet.

64. Floreal (Dammann).—G. Salmon-rose; flower irregular, rather narrow-petalled; truss thin; foliage rich dark crimson; 3 feet.

65. Florence Vaughan (Dobbie).—G. Yellow, richly spotted with red; foliage grey-green; 3–4 feet.

66. Francis Wood (Veitch).—G. Rich orange; truss dense, long; smooth, rather small flowers; foliage green; 4 feet.

67. Franz Büchner (Cannell).—G. Apricot, lightly mottled with a deeper shade and very thinly edged with yellow; petals with wavy margin; truss good, but flowers weak; foliage green; $2\frac{1}{2}$ feet.

68. Frau Gräfin Ernestine von Thun (Pfitzer).—G. Salmon-pink; smooth petals; rather poor truss; foliage dark; 3 feet.

69. Fräulein Anna Benary (Veitch).—G. Orange-scarlet with a little yellow at the throat; margin of petals wavy; rather small truss; foliage green; 2 feet. Inferior to Edouard Meig.

70. Frau Philipp Siesmayer (Pfitzer), **XXX** July 30, 1907.—G. Rich salmon-rose; large flowers, broad petals, and very fine truss; free-flowering; foliage dark green; 3 feet.

71. Fürst Bismarck (Dobbie, Froebel).—G. Fiery orange-scarlet; margin of petals much wavy; truss dense, large; flower rather small; foliage green; $2\frac{1}{2}$ feet.

72. Fürst Wied (Pfitzer), **A.M.** August 13, 1907.—G. Fiery-red, a little yellow at the throat; flowers large, petals broad, margin wavy; truss good; foliage glaucous green; 3 feet.

73. Gart Stapel (Cannell).—Failed.

74. General Merkel (Pfitzer).—G. Scarlet-orange, edged yellow; foliage green; 2 feet. Very similar to Mme. Crozy.

75. George Washington Improved (Conrad).—G. Cardinal, a little yellow at the throat; foliage green; 2 feet.

76. Gladiator (Conrad), **A.M.** August 13, 1907.—G. Yellow, heavily spotted and shaded rose-red; stigma and anther quite red; truss good; foliage vigorous, dark green; 3 feet. A very distinct variety.

77. Gloriosa (Cannell).—G. Scarlet, edged yellow; truss close; flowers poor; foliage green; $1\frac{1}{2}$ feet.

78. Goliath (Dammann).—G. Red-scarlet; long-petalled rather loose flowers; foliage broad, green, markedly edged with crimson; $1\frac{1}{2}$ feet.

79. Gouverneur von Zimmerer (Froebel).—Failed.

80. Grossherzog Ernst Ludwig (Dammann), **A.M.** June 4, 1901.—G.

Orange-red with deeper spots; flower very large; petals broad; truss large; foliage green and rich crimson; 3 feet. A fine variety, the flower approaching in size and form those of the *O.* varieties.

81. Hans Wermüller (Cannell).—*G.* Orange-scarlet, yellow at the throat; foliage dark green, veined and shaded crimson; 3 feet.

82. Harlequin (Conrad).—*G.* Scarlet, yellow edge and throat; 1½ feet.

83. Heinrich Seidel (Cannell, Dammann).—*O.* Red, very broadly and irregularly edged with yellow; flowers and truss large; foliage light grey-green; 4 feet.

84. Hellas (Dammann).—*O.* Yellow, mottled and marked with red; truss poor; foliage light green; 2½ feet.

85. Herzogin Vera (Dammann).—Failed.

86. Hesperide (Veitch), **A.M.** September 6, 1907.—*G.* Bright orange, deeper at the throat; petals broad; truss good; foliage green; 2-3 feet. A very showy variety.

87. H. Guichard (Veitch).—*G.* Light rose-red; large flowers with rather pointed narrow petals and good truss; foliage grey-green; 2½ feet.

88. Hiawatha (Conrad).—*G.* Soft salmon-rose; truss rather small, close; smooth, but not broad petals; foliage handsome, dark, bronzed. 3 feet.

89. Hofgarten-Director Walter (Dammann).—*G.* Fiery-red; flowers small; foliage dark green and crimson; 2 feet.

90. Hofgarten-Director Wendland (Dammann), **XXX** July 27, 1898.—*O.* Reddish-orange with darker mottlings, broadly and irregularly edged with yellow; foliage broad, green, striped light green; 3½ feet.

91. Iberia (Dammann).—Weak; failed.

92. Indiana (Conrad).—Failed.

93. Isabella Breitschwerdt (Pfitzer), **A.M.** August 13, 1907.—*G.* Salmon-rose, very lightly mottled with a deeper shade, yellowish on the reverse; flowers very large; truss large and close-flowered; margins of petals waved; foliage green; 3½ feet.

94. Italia (Dobbie), **A.M.** June 23, 1896.—*O.* Yellow, spotted with red towards the throat; flowers large; foliage emerald green; 3 feet.

95. J. B. van der Schoot (Cannell, Dobbie), **A.M.** August 13, 1907.—*G.* Rich yellow, much spotted with red; free-flowering, large fine truss; smooth scarcely notched petals; foliage green, vigorous; 2½ feet. The red runs a little at the throat, but this is the best spotted yellow variety.

96. J. D. Eisele (Veitch).—*G.* Scarlet, yellow at the throat; flowers rather small but very neat from the roundness of the petals; foliage light green with marked crimson edge; 3 feet.

97. Jean Tissot (Veitch), **A.M.** June 4, 1901.—*G.* Rich orange-scarlet with a little deeper veining; flower and truss both good; foliage green, broad; 3 feet.

98. John Tulett (Pfitzer).—*G.* Very rich yellow, slightly spotted with red at the throat; truss and flowers rather small; foliage green; 2 feet.

99. Juanita (Conrad).—*G.* Rich apricot-yellow, fading to creamy-yellow; truss and flowers large; petals smooth, broad; foliage bronze-green, veined; 2½ feet.

100. Jupiter (Conrad).—Failed.

101. Karl Kirsten (Pfitzer), **XXX** July 30, 1907.—G. Orange-scarlet a little yellow at the throat; flowers large; petals broad, rounded; truss bold; foliage green, broad; 3-4 feet. A very handsome variety.

102. Klondyke (Veitch).—G. Orange; flower small; truss good; foliage light green; 3 feet.

103. Königin Charlotte (Veitch), **A.M.** August 8, 1898.—G. Bright red, edged with yellow; flowers small; truss stiff, neat, oblong; foliage light green, very glaucous; 2½ feet.

104. Konsul W. Vellnagel (Pfitzer).—G. Yellow, spotted red; truss very good; foliage green; 3-4 feet. Early flowering and one of the best spotted varieties.

105. Kronos (Dobbie).—O. Yellow, richly spotted and mottled with reddish-apricot; large flowers; small truss; foliage green; 3½ feet.

106. Kronprinzessin Cäcilie (Pfitzer).—G. Salmon-pink, a very delicate colour, but flowers rather small; truss close, oblong; foliage dark; 3 feet.

107. La France (Dammann, Froebel), **XXX** July 27, 1898.—O. Bright orange-red, yellow at the throat; foliage very handsome, bronzy-crimson and green; 6 feet.

108. L. E. Bally (Veitch), **A.M.** April 10, 1894.—G. Pale yellow, much spotted with terra-cotta; flowers rather small; foliage light green; 2-3 feet.

109. Léon Vassilière (Cannell).—Failed.

110. Leo Vaughan (Dobbie).—G. Orange-scarlet with faint reddish spots; foliage green, shaded and veined purple; 2½ feet.

111. Louisiana (Conrad).—Failed.

112. Louise (Cannell, Dobbie).—G. Salmon-rose with mottlings of a deeper shade; free-flowering; truss very fine and large; foliage dark green; 3 feet.

113. L. Patry (Dobbie).—Failed.

114. Luray (Conrad, Dobbie).—G. Carmine-rose; petals rather narrow, but truss handsome; foliage green; 3 feet.

115. Madame Chabanne (Dammann).—G. Yellow, lightly spotted with pink; flowers and truss poor; foliage green; 3 feet.

116. Madame Crozy (Dobbie, Veitch), **A.M.** May 28, 1890.—G. Orange-scarlet with narrow yellow edge; flowers rather small; truss stiff; foliage light green; 2 feet.

117. Madame Legris (Dammann).—G. Pale yellow, much spotted with orange-red; flowers and truss poor; foliage green; 2½ feet.

118. Mlle. Berat (Cannell, Veitch).—G. Carmine-rose; large open truss; petals rather narrow with wavy margins; foliage dark green; 3 feet.

119. Maiden's Blush (Conrad).—G. Salmon-pink; weak; 1½ feet.

120. Martha Washington (Conrad, Dobbie).—G. Orange to rosy-red with narrow yellow edge; truss close; petals smooth; flowers rather small; foliage very light green; 3 feet.

121. Max Kolb (Dammann).—G. Deep orange; truss large, dense-flowered; petals smooth; foliage very dark; 3 feet. A very handsome variety.

122. *Melrose* (Conrad), **A.M.** August 13, 1907.—G. Rose-pink; truss rather small, but flowers regular and petals rounded; foliage bronze-green and purple; 1½–2 feet.

123. *Mephisto* (Pfitzer).—G. Dark red; 3 feet.

124. *Météore* (Cannell, Veitch).—G. Rich orange; truss large, close-flowered; flowers large, margin of petal crimped; foliage glaucous green; 3 feet.

125. *Minerva* (Veitch).—G. Reddish-orange with deeper shadings; truss close-flowered; foliage green; 2½ feet.

126. *Miss B. Brunner* (Cannell).—G. Pale yellow, much spotted with red; flowers large and truss very fine; foliage glaucous green; 3 feet.

127. *Mrs. F. Dreer* (Veitch).—Failed.

128. *Mrs. G. A. Strohlein* (Cannell, Veitch), **A.M.** August 13, 1901.—G. Carmine-crimson; truss very fine; flowers large; petals smooth, broad, unnotched; foliage rich dark crimson, glaucous; 3 feet.

129. *Mrs. Kate Gray* (Dammann, Veitch), **A.M.** July 2, 1901.—O. Reddish-orange with darker markings, sometimes lightly edged with yellow; truss good; flowers large, regular; margin of petals waved; foliage green; 5–6 feet.

130. *M. Florent Penwels* (Veitch).—G. Orange-scarlet to reddish-orange, yellow at the throat; flower large, rather loose and irregular; petals broad, rounded, smooth; foliage dark green, broad; 4½ feet.

131–134. *Mont Blanc* (Conrad).—G. This, with *Mont Blanc* second generation, and second generations A. and B., are new white seedlings. They are of dwarf habit, with green foliage and creamy-white to white flowers of rather indifferent form.

135. *Mont Etna* (Conrad).—G. Orange-red to cardinal; flowers and truss rather small; margin of petals waved; foliage bronze-green to bronze; 2½ feet.

136. *Niagara* (Conrad).—Failed.

137. *Oceanus* (Dammann).—O. Apricot-red, broadly edged with yellow and yellow at the throat; foliage grey-green; 5 feet.

138. *Olympia* (Dobbie).—Failed.

139. *Orange Queen* (Froebel).—G. Orange, red at the throat; truss dense; flowers thin and rather small; foliage green; 2 feet.

140. *Oscar Dannecker* (Cannell, Dammann, Froebel, Veitch), **A.M.** June 4, 1901.—G. Rich orange, shading to yellow at the edge; truss good; flowers large, regular; petal smooth, broad, notched; foliage dark grey-green with a little crimson; very glaucous and distinct; 2½ feet. A very fine variety.

141. *Ottawa* (Conrad).—G. Rich salmon-rose; truss good; flowers large; petals broad; foliage green; 2½ feet.

142. *Pandora* (Dammann, Dobbie).—O. Reddish-orange, redder towards the edge; truss large, loose; foliage bronzy-green and crimson, very glaucous; 5 feet.

143. *Papa Canna* (Dammann, Dobbie, Veitch).—G. Orange-scarlet, often with rather patchy markings of a deeper shade, yellow at the throat; margin of petal waved; truss good; foliage light green; 3 feet.

144. *Partenope* (Cannell, Froebel), **A.M.** Aug. 16, 1898.—O. Reddish-

orange lightly splashed, with red and running to red at the edge; flower regular; truss good; foliage light green, very glaucous; $4\frac{1}{2}$ feet.

145. Paul Bruant (Cannell, Veitch).—G. Reddish-orange with patchy markings of a deeper shade; truss dense; flowers small; petals narrow; foliage green; 8 feet.

146. Paul Lorenz (Cannell, Froebel).—G. Dark glowing cardinal-red; neat; foliage green and purple; $2\frac{1}{2}$ –8 feet.

147. Paul Sigrist (Veitch).—G. Bright red with narrow yellow edge; flower and truss small; foliage weak, green; $1\frac{1}{2}$ –2 feet.

148. Pennsylvania (Dobbie).—Failed.

149. Perseus (Dammann).—O. Yellow, lightly spotted with red; foliage broad, green and yellowish-green; $3\frac{1}{2}$ feet.

150. Philadelphia Improved (Conrad).—G. Rich orange-scarlet; truss rather poor; foliage green; $2\frac{1}{2}$ feet.

151. Phoebe (Dammann).—Failed.

152. Pillar of Fire (Conrad).—G. Orange-scarlet; flowers small; foliage green; $2\frac{1}{2}$ feet.

153. Pluto (Cannell, Dammann), **A.M.** August 18, 1907.—O. Orange-red, yellow at the throat; foliage handsome, green and crimson; 3 feet.

154. Poète (Dammann).—Failed.

155. President Carnot (Dobbie, Veitch).—G. Orange, suffusing with red, then rose; truss small; flowers rather small; petals notched; foliage dark, very glaucous; 8 feet.

156. Président de Péronne (Dammann).—G. Reddish-orange with darker spots; foliage deep green and crimson; 3–4 feet.

157. President Meyer (Cannell, Dammann, Dobbie).—G. Dark orange-scarlet; truss good; flowers large; petals very smooth and flat; foliage handsome, dark green and purple, glaucous; 8 feet. A fine variety.

158. Prince Hohenlohe (Veitch).—G. Salmon-red; truss long, narrow; flowers rather small; foliage light green; 4 feet.

159. Professor Fr. Röber (Pfitzer).—G. Rich cardinal-red; truss good; flowers large; margin of petals waved; foliage dark; $3\frac{1}{2}$ feet.

160. Professor G. Baker (Veitch).—G. Orange-scarlet, yellow at the throat; flowers and truss good; petals broad; foliage green; 3 feet.

161. Professor Treub (Dammann).—O. Reddish-orange with deeper shadings, yellow at the throat; flowers comparatively small; foliage very broad, handsome, deep crimson; 4 feet.

162. Queen Charlotte (Dobbie).—G. Bright red, edged with yellow; flowers and truss poor; foliage green; $2\frac{1}{2}$ feet.

163. Red Indian (Dammann).—Failed.

164. Reichskanzler Fürst (R. F.) Hohenlohe (Cannell), **A.M.** September 10, 1901.—G. Rich yellow, spotted towards the throat with red; flowers irregular; foliage deep green; $2\frac{1}{2}$ feet.

165. Rhea (Dobbie).—O. Orange-red, mottled; foliage handsome, crimson, very glaucous; $4\frac{1}{2}$ feet.

166. Robert Christie (Veitch).—G. Reddish-orange; truss dense, oblong; flowers small, irregular; margin of petals waved; foliage light green; 3 feet.

167. Roi des Rouges (Dammann), **A.M.** May 5, 1896.—G. Glowing

orange-scarlet; margin of petals waved; truss good; flowers regular; foliage green; plant weak; 3 feet.

168. Roma (Dammann).—Failed.

169. Rosemawr (Conrad).—G. Rose, flower of good size and form; foliage green; 2 feet.

170. R. Wallace (Cannell, Pfitzer), **A.M.** August 13, 1907.—G. Yellow to cream, faintly spotted in the centre of the petal with rose; truss and flowers large; petals broad, margins waved; foliage light green; 3 feet.

171. Schwabenland (Pfitzer).—G. Dark scarlet, unnotched petal; foliage handsome, rich green and crimson; 3½ feet.

172. Secrétaire Chabanne (Cannell, Veitch), **A.M.** April 24, 1900.—G. Salmon-orange to salmon-rose with darker markings; truss large but rather loose; margin of petals waved; foliage grey-green; 3½ feet.

173. Semaphore (Cannell, Dammann).—G. Rich clear orange; truss good but flowers small; foliage rich dark crimson, very glaucous; 4½ feet.

174. Semeur A. Sannier (Veitch).—G. Rich apricot with darker markings; truss good; flower poor; foliage green; 3 feet.

175. Shenandoah (Conrad).—G. Salmon-rose; truss and flowers rather small; foliage dark, glaucous; 2 feet.

176. Sicilia (Dobbie).—Failed.

177. S. Milland (Cannell).—O. Rich reddish-orange, but very small, narrow, notched petals; foliage dark bronzy-crimson; 5 feet.

178. Solfatara (Cannell).—Failed.

179. Sophie Buchner (Veitch), **A.M.** May 9, 1893.—G. Yellow, splashed at the throat with red; truss good; flowers rather small; margin of petals waved; foliage green; 2 feet.

180. Souvenir d'Antoine Crozy (Dobbie, Veitch).—G. Scarlet with narrow yellow edge; truss good; flowers rather small; margin of petals waved; foliage green; 2½ feet.

181. Souvenir de Madame Crozy (Cannell).—G. Bright red, mottled with red and irregularly edged with yellow; truss very large; flowers of poor form; foliage large, light glaucous green; 3 feet.

182. Stadtrath Heidenreich (Dammann, Dobbie, Froebel), **A.M.** July 27, 1897.—G. Glowing orange-scarlet with a little yellow at the throat; truss large, loose; flowers large, broad-petalled, smooth; foliage dark, handsome, very glaucous; 3½ feet.

183. Striped Beauty (Conrad).—G. Yellow, much dotted in straight lines with red, red-throated; truss dense, flowers small; foliage green; 2½ feet.

184. S. T. Wright (Conrad), **A.M.** August 13, 1907.—G. Rich reddish-orange; truss rather small, globular; flowers very large; petals broad, smooth; foliage bronze-green and crimson; 5 feet.

185. Suevia (Dammann, Froebel).—O. Pale yellow shading to bronzy-red at the throat; flowers long; petals pointed; foliage green; 4½ feet.

186. Trinacria (Dammann).—Failed.

187. Triumph (Conrad, Froebel).—G. Orange-red, mottled with red; truss close-flowered; foliage green; 1½ feet.

188. Uncle Sam (Conrad), **A.M.** August 13, 1907.—O. Rich orange, becoming red; yellow spotted with red at the throat; truss good; flowers

large; petal broad, smooth; foliage very broad, glaucous green with distinct crimson edge. The habit distinctly that of the orchid-flowered varieties, but the smoothness and substance of the petals almost that of the gladiolus section.

189. Venus (Conrad), **A.M.** September 6, 1907.—G. Salmon-rose, paler and mottled towards the throat, edged thinly with creamy-yellow; truss good; petals broad, very smooth; flower irregular; foliage dark green; $2\frac{1}{2}$ feet.

190. Ville de Poitiers (Dammann).—Failed.

191. West Grove (Conrad, Dobbie).—Failed.

192. Wilhelm Beck (Dammann).—O. Red, broadly edged with pale yellow, throat yellow spotted with red; foliage green; $2\frac{1}{2}$ feet.

193. Wilhelm Bofinger (Dammann, Froebel, Veitch), **A.M.** August 18, 1907.—G. Orange-scarlet, yellow at the throat; truss large, fine; flowers large; margin of petals waved; foliage green; 3 feet.

194. Wilhelm Tell (Pfitzer).—G. Salmon-orange, shading to a yellow edge; foliage distinct grey-green a little suffused with crimson, very glaucous; 3 feet. A fine variety, very similar to Oscar Dannecker, a shade deeper in colour.

195. William Bull (Dobbie).—G. Orange-red; truss small, dense; flowers small; margin of petals waved; foliage green; $2\frac{1}{2}$ feet.

196. William Saunders (Conrad), **A.M.** August 13, 1907.—G. Deep red; flower large, regular; petal very broad and smooth, with waved margin; foliage bronzy-crimson and green, very glaucous; 3 feet. A fine variety.

197. William Watson (Pfitzer).—G. Salmon shaded with pink and lightly mottled; petals broad, smooth, not large; foliage very handsome dark, glaucous; $3\frac{1}{2}$ feet.

198. Wyoming (Conrad), **XXX** July 30, 1907.—G. Orange-yellow; flowers of good form; foliage purple; 3 feet.

Several other varieties, received under number only, from Messrs. Conrad and Jones, have not yet been named.